JAN. 5, 1948 WEEK A MERON CILL PUBLICATION



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Gulf Oil Corporation - Gulf Refining Company Boston - New York - Flidadelphia - Pittskungh - Affinetu

TRACING CLOTH for HARD PENCILS



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AVIATION WEEK

The Austran Work 7 New Avastran Products 20 News Digort 8 Salor & Service 31 Headline News 11 Briefing for Dealers 33 Industry Observer 16 World News 34 Astrinon Calendra 16 Financial 57 Engineering-Productions 17 Temporet 20

Jan. 5, 1948

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Aircraft Ball Bearings
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THE AVIATION WEEK

PLANNING VS. PRODUCTION—Yourseld as the sourcements by the Air Force and the Navy of comments warrant present the retoriting possibility that methage thraining on industrial propositions planting for the property of the pr

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NEWS DIGEST

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LETTERS Here you forgotten that all of our

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AVIATION WEEK Jonaer & Man



On the Boeing Stratocruiser Safety Glass BY "PITTSBURGH"



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PLATE GLASS COMPAN

SPECIALISTS IN AUSPLAND DUASE - MAKERS OF DEPLATE AND PLEKSEAL SAPELY BUADE



Aviation Industry Eyes Congress For Stable Policy and More Funds Action on Air Policy Board report unlikely during election year rock to adjourn; processment process

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Over a LONG SPAN of years with MAXIMUM SECURITY...

SOCKET SCREW PRODUCTS

For years, the extreme occuracy and top noich quality of "Unbroke"

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appears to have a better than 50-50

Bitter Battle on Landie Arrens Feeling among executives

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Briggie, in his statement support--sense of which are at appends nelitical nature. See Clearly Renner

Eastern Air Lines and Pan American Air Force Reveals New Orders For 1.150 Military Planes

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North American P-86-Contract for Ausel by S-a Rieschty and Ren. . Boring B-50-Conjust has been at

New Fire Device

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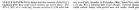
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. Better engines-New sense of Winglet New propellon-diamitm Stradent

Aluminum Shortage Looms for Industry . Rolar-New search radar and a variety

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Alaska Airlines Denies Violating Regulations

of contact, non-operation carrier flights

U. S. War Plane Production Rises

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Evolution field shed of Generals FSF-IE, common rong Record, above four facts

AVIATION WIEK, Japaney 5, 2910

Aircraft Industry Safety Records Vary in Summer

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IATA's Clearing House Records October Dron Although international air traffic the CAA's transport extraces regulations with a sincible period. Northwest has

► British European Alcono will order 20 to 30 Arraped Anharouter transports

ng ninthe tulie texectors between Northwee YB-91 has completed phase I (company) and digits and has been has already flown the eight-out craft as on-pilot. A score or more Are Fouce flows went pilots are available for the tests, having been trained for the pursoes on the AVIATION CALENDAR * Solar Asynch Co. and Cream I Electric say conducting Navy natruction choses

> ► Northoo XB-35 from was bombers, pounded at Marco Au Box. Cold., for several months, are due to take the set again this work with new smale notation Harriston structured (numbered restrict recording recording. Suppose of these test flights will

April 1-9 America Suttino et Rochiac Engineer Dec Hotses

INDUSTRY OBSERVER ENGINEERING & PRODUCTION

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American Cuts Order For Convair-Liners Original contract for 100 re-

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made at least 25 interest down ran-When American placed sts original contract it agreed to payment of \$17 loost brought the selling price of the

option cut down to 25 planes.

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*Adkerted Medictoring Co. los storned a new order from Correlidated

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First Manufacturing & Assent Co., Fast Ens. Ont., has started work on a

Firentese Arenft Co. has licensed Hivin-Control Co., Finishera, Cold., to monufacture, distribute and service Functions socially wheels and broken. Helen-Cartral will tale over unfilled system of Floratour and continue considere and

1047 of \$67,900, although sales of South degree the needed noticed \$32 ages, as ▶ Order or Outson—Although Consus present 151 sets in the heat necessir year. Defice is attributed to almormally heat * Medicard See Argust 144. Wissings, Courts as the Country Service

> ► Victoria Medification Centes, Vactoria, Texas, is regolarized contracts for medi-► Clean L. Meetin Co. is now decimation its plantes and chemicals division as

Fisher-Marville Corp. has reachined Van Clorf Stor., Inc., Chicago magnific

how to sell at least 300 Losen to replace . * Kennessetal Inc., Labrabe, Pa., has exceed coston district efficie at 6 West Smalans, New York City. Office will reseation registering service, and stock

Investigation of Ideal Flight Criteria Aids in Assessment of Test Results force as request at all specific force of all

Vital question of whether airplane performance is satisrather than being left to pilot's "feel,"

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LATERAL STABILITY AND

· Stick Fine Damping-When all con-



Shown above is the new forest-best main landons over brone consider on B-16 conduction readels as the Consultational Value Assends Corporation's priest at Fort Worth, Toxas, Considerly equipped with Timion Topered Roller Bearings, the eight 56-each wheels distribute the enabling the new stops to under a govern cumber of sixfields for their fabelous flights of 10,000



AVEATION WEEK, Assert 5, 1945

Accords engineers have lane english the inhowing ability of The Tenken Roller Dearing Alexade Sense was deviated specifistally to solve arctals, engage and peopeller problems. It may solve years. Wass our engineers soder. In the measures, look for the mid-grade "TIMKEN" on overs beating you use. The

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the new and better aviation engine oil . . .

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Standard Showey Service...

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Complex Problems Solved in Dart Kit Production elected broken down

into 22 items deserred for ease of packaging, shipping and amateur

AVIATION WEEK, January S. 1968











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P Complete Mentification—Perfador





Research Review (continued from page 18) . Asleson Control System-With the

. Directional Stability-The variety sol-. Trim System-Rudder and others.

1 Girst, B. B. Reserverent for

AVIATION WEEK, January S. 1641



NEW AIRCRAFT





Cargo Plane Evolves From Glider

Chase Aircraft building new 8,000-lb, payload assault craft for Air Forces plans to produce similar powered version.

BY ALBERT F. SMYSER, IR. Deposited the MS-7, the processed

a 650-eardical rule range (746 cm) one development of the XCC 158 stupil

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Companion shows evolution of Archeol: Upger plane in XXX-14A which had only 5,000 in stage separity. Major changes were made as evonal length of order and all positions of insulage had been already as meature.

EXON AVIATION WEEK, James v. 5, 1646.



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AVIATION WEEK, Jensey 5, 1945



Unsurpassed he q valves for aircraft

Control Rev. Logic Wegle: Tools Since of

GENERAL CONTROLS

Cessna Outlook Bright Based on '47 Record

Early Tests Scheduled For New Flying Car

Take or Leave Place-A leature of the

RENDIX-SCINTILLA

the finest ELECTRICAL CONNECTORS money can build or buy!

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CONTINENTAL ENGINES

"Honoring the Pilots of Todov who are Developing the Airplanes of Tomorrow"

in the 20 years since it pinnsered annion of invisedally opposed during ... the type which made possible the development of testavis named about the Creditional Motion has unavasced many recovers for the advancement of fision Latest in a series of such moves for the industry's long-range good is the company's establishmeet of a sterling trooply and a \$10,000 purps in connection with the All-American Air Managem at Misrei. Continental Mators hopes by this means to footer the initiative so vital to technical progress, to the end that the planes of tomorrow may embody speed, safety, dependability - a degree of all-round seefulness

Continental Motors Corporation surpessing that of even the fixest planes of today.

NEW AVIATION PRODUCTS

Robres Barr, Duet Chafing



AVIATION WEEK, January 5, 1965

Information Tips

and complete equipment Working

Lightplane Fire Safety

(25) Co. 1407 II Johnst Asserting (25) Co. 1407 II Johnst Asserting (25) Co. 1407 II Johnst Asserting (25) Co. 1507 II Johnst Modelling (25) C



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A new design...strong...adaptable... they squeeze into close places easily

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this set the next time he calls

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AVIATION SALES & SERVICE

CAA Plane Rental Proposal Gains Widespread Approval

Agency plans to dispose of war surplus trainers used by inspectors and rent modern lightedunes.







NEW FLORIDA RELICOPTER OPERATION

Standard Warranty

For New Aircraft * It will offer most of a churc often

Estimated at 828,259

profit of \$4,001,661, realised chiefty Like others of the major companies.

duction onto of the Navon program

Gets Distributorship

Course's New Model Features More Speed

Few Differences-Outward's the please

Polykol Arener

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RRIFFING FOR DEALERS & DISTRIBUTORS

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MATTAND NAMES-Col. Letter 1 Meetings, for whom Meetingd Field AIRPORT HOPPER-Northesp's to make transport, the Peacer, has been NO POURPLACER-Toss Engineering & Manufacturing Co., Dollar, makes

AVIATION WORLD NEWS

Joint Argentine Line Experiences Deficit

The Assurance International Autor-

Isla Verde Airport Plan Meets Navy Opposition

NAM MIAN, The New Descriptors is revenue the exposed his Verde in- to movide more than \$4,000,000 for the



1944 and described by Bashay as "the during the war. Thirty airlines plan

Traffic Increases Nested

In Philippine Figures Monwhole Commercial Air Lines.

Wings for the That's a Nulstoon complement of C-82's. They are currying 123 men, a fast-hitting, are transportable infantly used. The Purket is on daty in one recovering numbers with the new Army, it lends wants close ground-air cooperation. It carries gues and sepoles, aggregation or men. It has ancessfully dropped heavy field gieces by parachate to troops on the ground. shifter to do many tasks well-so well that the reseason of America's new All-Air Array center around Packet performance. Fairchild Aircen



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AVIATION WEEK, Assaury 5, 1965



FINANCIAL

Equipment Trusts Loom Larger In Proposals for Airline Financing

With legal difficulties still to be surmounted, carriers study substitute device in which separate corporations would hav planes and lease to operators.

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AIR TRANSPORT

Western Air Lines Blueprints Future With Five-Year Program

Carrier sees smaller dependence on mail nav: better financial outlook results in plans to buy five more Convairs: continued inflation spiral expected.

By CHARLES ABADIS

► Seeks More Convolto-Filtrar S

Worten told CAB that difficult for

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New Formula Sought-WAL would

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▶ Newl to Declare-Total goal per

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CAB Disturbed By AAA Mail Pay

British Deficit

New Rate-Mail rates set for All

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*Daked-Norod E. Rador has been sented normanic director of traffic and make and Empire H Orongo has become UAL's Springers girector, replacing Entert M Species. ALPA Attacks Case

Against AA Pilot Sisto

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CAR Issues Remorts On WAL AA Accidents

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* Bogsder General Thomas C. Daves · Brigadier Central Agley L. Moose,

STIATION WEEK, January 5, 1948

SHORTLINES

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► Mid-Continent-Reports not loss of \$33,580 in November compand to a

seller and a 55 47 percent load factor

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Feb. 5 Streeting on Breach a Investigation of adults in the Control of the State of

CAB SCHEDULE Feb. 18. Hearing on eMildonal services Hew Employd Area. (Docket 1979 of 83) Pub 51 Hearing on Mill Continued black of D. Brighes, Statisticherum, 1985 rese (Decket 425.)



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TOBAY with improved commercial copils of these hard-heating naturals in making shalf indicassable to some of the nation's DERMAN MOUSING

Society reshaution singuist angless. PORTRALE CORRECTED untraments, salars and recipits. unds and warmen difficulties

CORPORATION NOVAL UNCO THE MANUFACTURED OF STATES WHATCH AND WATLATING MICHIGAN



with FEDERAL ALL-METAL



American, TWA Sign New Wage Pacts

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Air France Survey

COPILOTS

SEARCHLIGHT SECTION

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If you have the following heat requires march T. W. A to intensived in resolution

"OPPORTUNITIES" He a line. Memore a from To figure at the response tree a strong stree at the Australian Francis (see and tree calculate the control of the set of the street matter control of the street can Name is addressed an open to the State of the Control of State of Plant of 196, of his suppose to make in all

McDONNELL AIRCRAFT CORPORATION Hos several excellent continus for theroughly experienced

personnel for our expossion processes. COST ESTIMATORS Thereachly grounded in circustr estimation, costs, and budgets. Write Persennel Manager, P. O. Bex 516, St. Legis (3), Me.









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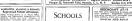
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Cable Safries

DEFLATED









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Philosophy of business behind the Steward-Davis R-1830-92 Conversion

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determination of rules upon which an entire can be controlls. Steeley P. Deels



Steward-Davis . 13501 South Western Avenue . Gardena, California

ADVERTISERS IN THIS ISSUE How to boost your AVIATION WEEK-JANUARY 5, 2946

Armer Controls, Lot. Account Frenk C Valour, Inc. Agreem - Wanthown, Drive S Adven, Ser. Contamid Motor Corp. SuP-res de Homeson de Ca., San., E. J. Agentys-Homes, Burnes, Depretes de Galeira.

February Gardin S. Abylone Corp., Assert Gardin Property, Inc. Polish Rearing Co. General Councils Co. Assempt The McCony Co. General Elevate Co. (Appendix Start) Com-

mings Flor Clea Co. (Salary Clean).

> ARENS Flexible REMOTE CONTROLS



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AIRCRAFT

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Praising The CAA Inspector

Some readers will say it was the reference reflector of who discrete with as At least, in addition to being a our CAA inspectors, should be a messle toxic for that

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We have a count philosophy that the public can demand fair notion for what it fearness. We have furth fails to make the proper change the formered reporty decord, it is so to that for conded rubbic

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T. P. Works has made assessed in his CAA cleaners. Ballour, Nevertheless, both rider deserve a bearing and Following is Capture Bellinar's letter, and his own



AVIATION WEEK, James S. 1948





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Strengthed strips of "Lucite" are

stands up to weather and smilght without warning or vellowing.



FOR WHINK, ""LUCITE" towards your 90", of late FOR SERVICE "LUCITE" conduct to the weather, but

FOR INSTALLATION - "LUCITE" - coop to most out core for \$ such man low, in median and sensior finds



SHAKE-DOWN Coming up



PRECISION PRODUCTS

AND
ENGINEERED SYSTEMS
FOR AIRCRAFT

Here is another group of General Electric's torpedo-shaped TO-180 jet engines rolling into the test chambers at our aircraft gas turbine factory in Lynn, Mass. In its test chamber, every jet engine gets a full-power "shake-down" run. Then, like any aircraft engine, it is dismantled, inspected, reassembled, and siven a final test before shinoure.

All types of electric aircraft equipment, in addition to jet engines, are built by General Electric. Part of Q.E. via fine of electric aircraft equipment includes: generators — complete power systems, turbosuperchargers, explosion-proof motors and control, gas turbines. [fight recorders, instruments, ignition systems, specialized electrical equipment. When you need a complete power or ignition system, or a single instrument, or when a specialized application requires individual attention, we'll be glad to arrange to supply it for you. Apparatus Deparatums (general Electric Company, Schenecady, New York.)

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